

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new non-provisional applications under 37 C.F.R. § 1.53(b))</small>		Attorney Docket No.	AFD 623
		First Inventor or Application Identifier	Mark A. Michalicek
		Title	OFF SUBSTRATE FLIP-CHIP APPARATUS AND METHOD
		Express Mail Label No.	EE 380648404 US
APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents</small>		ADDRESS TO: MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450	

S PTO
10/690158
10/1603

1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g., PTO/SB/17)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)
2. <input type="checkbox"/> Applicant claims small entity status (See 37 CFR 1.27)	8. Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>)
3. <input checked="" type="checkbox"/> Specification [Total Pages 27] <i>(Preferred arrangement set forth below)</i>	a. <input type="checkbox"/> Computer Readable Form (CRF)
- Descriptive title of the invention	b. Specification Sequence Listing on:
- Cross Reference to Related Applications	i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or
- Statement Regarding Fed sponsored R&D	ii. <input type="checkbox"/> Paper
- Reference to sequence listing, a table, or a computer program listing appendix	c. <input type="checkbox"/> Statements verifying identity of above copies
- Background of the Invention	
- Brief Summary of the Invention	
- Detailed Description	
- Claim(s)	
- Abstract of the Disclosure	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 10]	9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
5. Oath or Declaration [Total Pages 1]	10. <input type="checkbox"/> 37 CFR 1.373(b) Statement <input checked="" type="checkbox"/> Power of Attorney
a. <input checked="" type="checkbox"/> Newly executed (original or copy)	11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>	12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) PTO/SB/08A <input checked="" type="checkbox"/> Copies of IDS Citations
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	13. <input type="checkbox"/> Preliminary Amendment
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (<i>should be itemized</i>)
	15. <input type="checkbox"/> Certified Copy of Priority Document(s)
	16. <input checked="" type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach for PTO/SB/35 or its equivalent.
	17. <input checked="" type="checkbox"/> Other: Certificate of 37 CFR 1.10 Express Mailing

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76

Continuation Divisional Continuation in Part (CIP) of prior application No: _____

Prior application information: Examiner _____ Group / Art Unit _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5B, is considered to be a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		26902 (Insert Customer No. here)		or <input type="checkbox"/> Correspondence address below		
Name	GERALD B. HOLLINS					
Address	AFMCLO/JAZ					
	BLDG 11, ROOM 100					
2240 B STREET						
City	WRIGHT-PATTERSON AFB	State	OH	Zip Code	45433-7109	
Country	U.S.A.	Telephone	(937) 255-2838	Fax	(937) 255-3733	

Name (Print / Type)	GERALD B. HOLLINS	Registration No. (Attorney / Agent)	25,452
Signature	Gerald B. Hollins		Date Oct 16, 2003

10/16/03

FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 770.00)

METHOD OF PAYMENT

Check Credit Money Other None
 Deposit Account card Order

Deposit Account Number

AF 01-0465

Deposit Account Name

Department of the Air Force

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)		
1001 770	2001 385	Utility Filing Fee	770
1002 340	2002 170	Design Filing Fee	
1003 530	2003 265	Plant Filing Fee	
1004 770	2004 385	Reissue Filing Fee	
1005 160	2005 80	Provisional Filing Fee	

SUBTOTAL (1) \$ 770.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
20	- 20** = 0	x 18	= 0
Indep. Claims 3	- 3** = 0	x 86	= 0

Multiple Dependent

Large Entity Fee Code	Small Entity Fee Code	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	**Reissue independent claims over original patent
1205 18	2205 9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 0

**or number previously paid, if greater; For Reissues, see above

Complete if Known

Application Number

Filing Date

First Named Inventor Mark A. Michalicek

Examiner Name (not assigned)

Group Art Unit

Attorney Docket Number AFD 623

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Code	Entity Fee (\$)	Small Entity Code	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner Action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$ 0

SUBMITTED BY

Complete (if applicable)					
Typed or Printed Name	GERALD B. HOLLINS	Registration. No.	25,452	Telephone	(937) 255-2838
Signature	Gerald B Hollins			Date	Oct 16, 2003
Typed or Printed Name		Registration. No.		Telephone	
Signature	Gerald B Hollins			Date	Oct 16, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Mark A. Michalicek

Group Art Unit:

Serial No.: (AFD 623)

Examiner: (not assigned)

Filed:

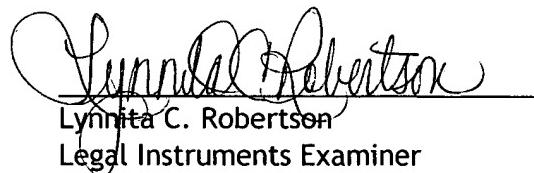
For: OFF SUBSTRATE FLIP-CHIP APPARATUS AND METHOD

CERTIFICATE OF MAILING
BY "EXPRESS MAIL" UNDER 37 CFR 1.10

"Express Mail" mailing label number EE 380648404 US

Date of Deposit: October 16, 2003

I certify that this patent application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above from AFMCLO/JAZ, Bldg 11, Room 100, 2240 B Street, Wright-Patterson Air Force Base, Ohio 45433-7109 and is addressed to MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.



Lynetta C. Robertson
Legal Instruments Examiner

L.C. Robertson
937/255-2838

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor <u>Mark A. Michalicek</u>
	Title <u>OFF SUBSTRATE FLIP-CHIP APPARATUS AND METHOD</u>
	Atty Docket Number <u>AFD 623</u>

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 1.22(b).

Oct 16 2003
Date

Gerald B. Hollins
Signature

GERALD B. HOLLINS
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and be submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**